

Abstract of the Disclosure

A printed circuit board in which effect of noise is reduced without increasing distance between a noise source and a wireless communication board. The above-mentioned printed circuit board is applied to an information processing apparatus having a wireless communication function. As a result, a small-sized information processing apparatus having improved throughput of wireless communication and increased communication distance is provided.

To attain the above-described objects, a first mode of the present invention provides a printed circuit board that is mounted with a wireless communication board 40 and comprises a multilayer main circuit board 30 including a conductive plane 32 connected to a power supply potential and a conductive plane 75 connected to the ground potential. The conductive planes 32 and 75 are formed such that the conductive plane 32 interposes between the conductive plane 75 and the surface of the printed circuit board on the side where the wireless communication board 40 is mounted and an electric field generated by a potential difference between the above-mentioned power supply potential and the above-mentioned ground potential is concentrated on the side of the conductive plane 75 rather than the side of the conductive plane 32.